

ABSTRACT OF THE DISCLOSURE

An organic light-emitting device with enhanced operational stability comprising an anode; a hole-transporting layer disposed over the anode; a light-emitting layer disposed over the hole-transporting layer for producing light in response to hole-electron recombination, wherein the light-emitting layer includes at least one organic host material and one organic luminescent dopant material; a stability-enhancing layer disposed in contact with the light-emitting layer, wherein the stability-enhancing layer includes at least one organic host material and one inorganic dopant material; an electron-transporting layer disposed over the stability-enhancing layer; and a cathode disposed over the electron-transporting layer.